

Listing of Claims. This Listing of Claims replaces all prior versions and listings of Claims in the application

What is claimed is:

1 1. (Currently Amended) A water treatment system for treating water
2 from a water source, the water treatment system comprising:
3 a water storage tank;
4 ~~an inlet for fluidly connecting the water storage tank to a water source~~ an inlet
5 manifold including an inlet, a sediment filter fluidly connected between the inlet and
6 the water storage tank, a solenoid valve fluidly connected between the inlet and the
7 water storage tank and an air charging device fluidly connected between the inlet
8 and the water storage tank;
9 a chlorination device fluidly connected to between the water storage tank and
10 the inlet;
11 ~~a media filter vessel fluidly connected to the water storage tank;~~
12 a pump fluidly ~~connecting the~~ connected between a media filter vessel with
13 and the water storage tank; and
14 a control valve ~~for controlling~~ fluidly connected between the water storage
15 tank and the media filter vessel, the control valve adapted to control a flow of water
16 through the media filter vessel to a system outlet.
17

1 2. (Original) The water treatment system of Claim 1 wherein the water
2 storage tank further comprises:
3 the water storage tank including a footprint, the footprint substantially equal to
4 a diameter of the water storage tank; and
5 the inlet, the chlorination device, the media filter vessel, the pump and the
6 control valve all mounted within the footprint of the water storage tank.

1 3. (Cancelled) The water treatment system of Claim 1 further comprising
2 an inlet manifold including the inlet, a sediment filter fluidly connected to the inlet, a
3 solenoid valve fluidly connected to the inlet, an air charging device fluidly connected
4 to the inlet, the inlet manifold fluidly connected to the chlorination device and the
5 storage tank.

1 4. (Original) The water treatment system of Claim 1 wherein the
2 chlorination device further comprises a chlorination basket containing an erodable
3 source of chlorine, the chlorination basket fluidly connected to the water storage tank
4 and the inlet.

1 5. (Original) The water treatment system of Claim 1 wherein the
2 erodable source of chlorine further comprises a chlorine tablet.

1 6. (Original) The water treatment system of Claim 1 wherein the
2 media filter vessel further comprises the media filter vessel contained at least
3 partially by the water storage tank.

1 7. (Original) The water treatment system of Claim 1 wherein the
2 media filter vessel further comprises:
3 a first filter media layer including gravel;
4 a second media layer including MTM Green Sand;
5 a third media layer including activated carbon;
6 a fourth media layer including a pH booster;
7 a fifth media layer including filter aggregate; and
8 a sixth media layer including a freebore.

1 8. (Original) The water treatment system of Claim 1 wherein the
2 control valve further comprises:
3 a processing device;

4 a system memory device conductively connected to the processing device for
5 storing system configuration and operation data; and
6 an input device conductively connected to the processing device for inputting
7 system configuration and operation data.

1 9. (Currently Amended) The water treatment system of Claim 7_8
2 wherein the system configuration and operation data further comprises a backflush
3 command.

1 10. (Currently Amended) A water treatment system for treating water
2 from a water source, the water treatment system comprising:
3 a water storage tank;
4 an inlet for fluidly connecting the water storage tank to a water source;
5 a chlorination device fluidly connected to between the water storage tank and
6 the inlet;
7 ~~a media filter vessel fluidly connected to the water storage tank;~~
8 a pump fluidly ~~connecting the~~ connected between a media filter vessel with
9 and the water storage tank;
10 a control valve ~~for controlling~~ fluidly connected between the water storage
11 tank and the media filter vessel, the control valve adapted to control a flow of water
12 through the media filter vessel to a system outlet;
13 the water storage tank including a footprint, the footprint substantially equal to
14 a diameter of the water storage tank; and
15 the inlet, the chlorination device, the media filter vessel, the pump and the
16 control valve all mounted within the footprint of the water storage tank.

1 11. (Original) The water treatment system of Claim 10 further
2 comprising an inlet manifold including the inlet, a sediment filter fluidly connected to
3 the inlet, a solenoid valve fluidly connected to the inlet, an air charging device fluidly
4 connected to the inlet, the inlet manifold fluidly connected to the chlorination device
5 and the storage tank.

1 12. (Original) The water treatment system of Claim 10 wherein the
2 chlorination device further comprises a chlorination basket containing an erodable
3 source of chlorine, the chlorination basket fluidly connected to the water storage tank
4 and the inlet.

1 13. (Original) The water treatment system of Claim ~~40~~ 12 wherein the
2 erodable source of chlorine further comprises a chlorine tablet.

1 14. (Original) The water treatment system of Claim 10 wherein the
2 media filter vessel further comprises:

- 3 a first filter media layer including gravel;
- 4 a second media layer including MTM Green Sand;
- 5 a third media layer including activated carbon;
- 6 a forth media layer including a pH booster;
- 7 a fifth media layer including filter aggregate; and
- 8 a sixth media layer including a freebore.

1 15. (Original) The water treatment system of Claim 10 wherein the
2 control valve further comprises:

- 3 a processing device;
- 4 a system memory device conductively connected to the processing device for
- 5 storing system configuration and operation data; and
- 6 an input device conductively connected to the processing device for inputting
- 7 system configuration and operation data.

1 16. (Original) The water treatment system of Claim 15 wherein the
2 system configuration and operation data further comprises a backflush command.